

ITEM:

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SUBJECT:

Uncontested NPDES Permits

REPORT:

Following are the proposed permits. All agencies and the dischargers concur or have offered no comments.

a. **UNITED STATES DEPARTMENT OF THE AIR FORCE,
FORMER MCCLELLAN AIR FORCE BASE, GROUND
WATER EXTRACTION AND TREATMENT SYSTEM (GWTS)
Sacramento County**

The United States Department of the Air Force owns and operates a groundwater treatment system (GWTS) designed to extract and treat groundwater contaminated with volatile organic compounds (VOC's). The GWTS has been expanded and is now designed to treat a maximum of 2.88 million gallons per day (mgd) of extracted groundwater. Treated groundwater is subsequently discharged to Magpie Creek, tributary to the Magpie Creek Diversion, tributary to Robla (Rio Linda) Creek, tributary to the Natomas East Main Drainage Canal, tributary to the Sacramento River. A small portion of the flow, up to 0.144 mgd, is also discharged to a wetland that drains to adjacent Don Julio Creek, which is tributary to Magpie Creek. Proposed revisions to this Order would allow an increase in discharge flows from 2.16 mgd to 2.88 mgd. Revisions to the Order will also allow the use of temporary storage basins which have been configured to allow for diversion of the effluent discharge from Magpie Creek at times when the effluent quality is uncertain and may potentially exceed the NPDES permit effluent limitations. This reconfiguration of the system was designed in response to the new restrictions on the amount of water that may be discharged to the sanitary sewer. The purpose of this reconfiguration is to ensure compliance with effluent limitations in both the NPDES permit and industrial sewer discharge permit prior to discharge (AMM)

b. **UNITED STATES DEPARTMENT OF THE INTERIOR (USDI),
NATIONAL PARK SERVICE (NPS), YOSEMITE NATIONAL
PARK, WAWONA WASTEWATER TREATMENT FACILITY,
Mariposa County**

USDI, NPS, Yosemite National Park owns and operates a wastewater treatment facility (WWTF) in Wawona. The Wawona WWTF discharges up to 0.105 million gallons per day of disinfected tertiary treated municipal wastewater to either the Wawona Golf course for irrigation or to the South Fork of the Merced River, a water of the United States. The WWTF consists of an activated sludge treatment system, alum injection, coagulant and polymer injections, rapid

mixing, flocculation, final sedimentation, sand filtration, and chlorination/dechlorination. Wastewater used to irrigate the golf course is also mixed with fresh river water prior to discharge. The proposed Order renews NPDES Permit No. CA0081795. This project is exempt from CEQA, in accordance with the California Water Code. (GEA)

c. **SOUTHERN CALIFORNIA EDISON COMPANY, BIG CREEK POWERHOUSE NO. 1 DOMESTIC WASTEWATER TREATMENT PLANT, Fresno County**

The Southern California Edison Company owns and operates a wastewater collection, treatment, and disposal system (WWTP) that provides sewerage service to the Big Creek Powerhouse No. 1 and the support community of Big Creek. The WWTP consists of primary, secondary, and tertiary units. The tertiary treatment process provides flocculation, filtration and ultraviolet (UV) light disinfection. Sludge is digested anaerobically and further processed and disposed of by a contractor that transports it to the Wasco Wastewater Treatment Facility. Treated effluent is discharged to Big Creek, a tributary of the San Joaquin River. The proposed Order renews NPDES Permit No. CA0079545. (JAE)

RECOMMENDATION: Adopt the proposed NPDES permits.

Mgmt Review _____

Legal Review _____

20/21 October 2005

Central Valley Regional Water Quality Control Board

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